

87290-55

6/19/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Cheryl Wagner  
Willowood, LLC  
c/o Wagner Regulatory Associates, Inc.  
P.O. Box 640  
Hockessin, DE 19707

JUN 19 2014

Subject: Notification; Per PR-Notice 98-10  
Willowood Clomazone 3 MEC  
EPA Reg. No. 87290-55  
Date Submitted: June 19, 2014

Dear Ms. Wagner:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 19, 2014 for the product referenced above. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact me at (703) 306-0415 or [davis.kable@epa.gov](mailto:davis.kable@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

Kable Bo Davis  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

2148

 <p>United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<b>Registration</b>	OPP Identifier Number
	<b>Amendment</b>	
	<input checked="" type="checkbox"/> <b>Other</b>	

**Application for Pesticide - Section I**

1. Company/Product Number 87290-55	2. EPA Product Manager Kable Bo Davis	3. Proposed Classification
4. Company/Product (Name) Willowood, LLC/Willowood Clomazone 3MEC	PM# 25	<input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
5. Name and Address of Applicant (Include Zip Code) Willowood, LLC c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: <b>EPA Reg. No.</b> <b>Product Name:</b>	

**NOTIFICATION**  
**JUN 19 2014**

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary.  
Add column headers to pages 19-20 that were inadvertently missed in the original submission  
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

**1. Material This Product Will Be Packaged In:**

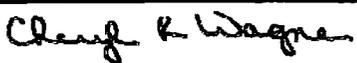
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) HDPE lined bags			
* <b>Certification must be submitted</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">If "Yes" Unit Packaging wgt.</td> <td style="width: 50%;">No. per container</td> </tr> <tr> <td style="width: 50%;">If "Yes" Package wgt.</td> <td style="width: 50%;">No. per container</td> </tr> </table>	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
If "Yes" Unit Packaging wgt.	No. per container					
If "Yes" Package wgt.	No. per container					

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 2.5 gallons, 30 gallons, bulk	5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product
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6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	Other _____
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**Section - IV**

**1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)**

Name Cheryl Wagner	Title Agent for Willowood, LLC	Telephone No. (Include Area Code) (302) 635-7289
<p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		6. Date Application Received  <b>(Stamped)</b>
2. Signature 	3. Title Agent for Willowood, LLC	
4. Typed Name: Cheryl Wagner	5. Date: June 19, 2014	



June 19, 2014

Document Processing Desk (NOTIF)  
ATTN: Kable Bo Davis, PM Team 25  
Registration Division  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, Virginia 22202-4501

Dear Mr. Davis,

**Subject: Willowood Clomazone 3MEC (EPA Reg. No. 87290-55) - Notification**

Wagner Regulatory Associates, Inc., as agent for Willowood, LLC, submits the enclosed notification to:

- Revise the referral statement on the front panel of the label
- Change Net Weight to Net Contents
- Add Column identifiers for North and South regions to table on pages 19-20—these column headers were inadvertently left out in the original label submission
- Correct grammatical/typographical errors throughout the label

In support of this notification, the following documents are attached:

- Letter from Willowood, LLC appointing Wagner Regulatory Associates, Inc. as its agent
- Application for Pesticide Notification (8570-1)
- A label

If you have any questions about this submission, please contact the undersigned at [cheryl@wagnerreg.com](mailto:cheryl@wagnerreg.com) or (302) 635-7289

Respectfully submitted,

Cheryl Wagner  
Agent for Willowood, LLC

Enclosures

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# Willowood Clomazone 3 MEC

## ABN: Willowood Clomazone 3

**Agricultural and Commercial Herbicide For-Used to Control Weeds on Snap Beans (Succulent), Brassica (head and stem subgroup 5A), Cucumbers, Cotton, Melons (Muskmelons and Watermelons), Peas (Succulent), Peppermint, Peppers, Rice, Soybeans, Spearmint, Squash, Sugarcane, Sweet Potatoes, Tobacco, and Tuberous and Corm Vegetables**

For formulation use only in California

**ACTIVE INGREDIENT:**

Clomazone: 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone..... 31.1%

**OTHER INGREDIENTS:**..... 68.9%

**TOTAL:** ..... 100.0%

Contains 3.0 lbs. active ingredient per gallon

### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison-control-center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical information concerning this product, call the poison control center at <b>1-800-222-1222</b>.</p>	

**See inside label booklet for complete First Aid, Precautionary Statements, and Directions for Use.**

EPA Reg. No. 87290-55

EPA Est. No. \_\_\_\_\_

### NOTIFICATION

Manufactured For:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

**JUN 19 2014**

Net Weight Contents: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE):**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Viton
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from the area treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

**PHYSICAL/CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**IMPORTANT: READ BEFORE USE**

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label when applying this product.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product aerielly or through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

**Exception:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Viton
- Shoes plus socks

The purpose of the microencapsulation of clomazone in Willowood Clomazone 3 is to minimize movement of the active ingredient away from the application site. To avoid injury to sensitive plants:

#### Application Precautions

- Use coarse sprays that are less likely to drift out of the target area.
- Contact with Willowood Clomazone 3 through foliar contact or spray drift or vapors can cause foliar whitening or yellowing of sensitive plants. These symptoms are usually temporary, but can persist on some plant species.
- Observe all buffer restrictions.
- Determine air movement and direction before applying this product.

#### Application Restrictions

- Do not apply this product when air currents can carry spray particles to areas where sensitive crops are growing.
- Do not apply this product when temperature inversions exist.
- Do not apply this product without an adequate buffer zone between the area to be treated and desirable plants.
- Do not apply aerially or through irrigation equipment.
- Do not apply this product within 1,200 feet of towns and housing developments, commercial fruit/nut or vegetables (except for peppers, pumpkins, succulent peas, sweet corn, sweet potato, and winter squash) production facilities, commercial greenhouses, or nurseries.
- Do not apply this product in winds above 10 miles per hour.
- Do not apply this product to non-field areas such as fence rows, waterways, ditches, and roadsides.
- Do not allow spray solution to spray or drip from tanks, hoses, fittings or spray nozzles and tips when moving spray equipment to noncontiguous sites.

See the crop specific instructions below for additional use precautions/restrictions.

#### Spray Drift Precautions

Avoid non-target spray drift of this product to prevent whitening of desirable plants. Drift is influenced by many factors including wind speed, spray pressure, particle size, nozzle type, and boom height.

#### Spray Drift Precautions

- Do not apply this product when weather conditions favor drift.

- Use a minimum of 10 gallons of spray volume per acre.
- Use the lowest possible boom height and maintain a uniform spray pattern, in conjunction with nozzle type, size, operating pressure and volume that meet a droplet size classification of **coarse or greater**.

Refer to **Spray Drift Management Section** for additional instructions.

### **Spray Drift Management**

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator and grower are responsible for considering all these factors when making application decisions. **AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

### **Importance of Droplet Size**

The most effective way to reduce drift potential is to apply large droplets (450 microns or larger). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. **APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS!** See **Wind, Temperature and Humidity**, and **Temperature Inversions** sections of this label portion.

### **Controlling Droplet Size**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Do not exceed the nozzle manufacturers recommended pressures. For many nozzle types, lower pressure produces larger droplets. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**
- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

### **Boom Height**

Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the ground surface/existing vegetation and have minimal bounce.

### **Wind**

Drift potential is lowest between wind speeds of 2 - 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential.

**DO NOT APPLY IN WINDS ABOVE 10 MILES PER HOUR. AVOID GUSTY OR WINDLESS CONDITIONS.**

**Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### **Temperature and Humidity**

When making applications in low relative humidity, set up equipment to produce large droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

### **Temperature Inversions**

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, *inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator.* Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good

vertical air mixing.

### **Sensitive Areas**

The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

### **Shielded Sprayers**

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

### **Rotational Cropping Precautions**

Temporary whitening or yellowing of leaves on rotational crops can occur under conditions where undesirable residues of Willowood Clomazone 3 exist in soil. Carryover injury to rotational crops can occur under abnormal conditions. Any or all of the following factors can increase the likelihood of injury to rotational crops:

- 1) Over application of product by using worn nozzles, excessive overlapping of spray swaths, failing to shut off spray booms when turning (end row areas), or slowing or stopping sprayer.
- 2) Soil pH less than or equal to 5.9.
- 3) Extremely dry weather four months following application.
- 4) Choice of rotational crop hybrid.

Service bulletins may be provided with additional instructions to prevent rotational crop injury in areas where risk of injury is significantly increased due to extremely dry conditions. Contact your local Willowood, LLC representative for additional information.

**Refer to Rotational Crop Instructions and Replanting Instructions of specific crops for additional crop planting information.**

### **Sprayer Cleanup Instructions**

Do not drain or flush spray equipment on or near desirable trees or other plants, or in areas where desirable plant roots may extend, or in locations where this product may be washed or move into contact with desirable plant roots.

Do not contaminate any body of water (including irrigation water) that may be used on other crops with this product. Follow sprayer clean-up instructions below to prevent damage of other crops by spray tank residues. Rinse sprayer equipment thoroughly to remove residues of herbicide that might injure other subsequently sprayed crops. Follow the steps below to thoroughly rinse spray equipment following applications of this product or tank mixes of this product with other labeled products.

- 1) Drain all spray solution from tank, pump, hoses and boom and discard in an approved manner (See **Disposal Note** below).
- 2) Clean tank and fittings by hosing down the inside walls of the spray tank with an amount of water equal to 1/8 of the total tank capacity.
- 3) Operate the pump to circulate this water solution through the sprayer system for 15 minutes.
- 4) Wash the outside surfaces of equipment thoroughly.
- 5) Remove nozzle tip and screen from end nozzle in each boom section and allow several gallons of rinsate solution to flush through boom. Be sure to collect rinsate while flushing.
- 6) Drain the remaining rinsate solution from tank, pump and hoses. Combine with boom flushing and dispose of all rinsates from this first rinsing in an approved manner (see **Disposal Note** below).
- 7) When switching from water dilutions to applications utilizing crop oil or liquid fertilizer as a carrier, flush a small amount of crop oil or liquid fertilizer through the tank, pump, hoses, and boom prior to the next use. Dispose of crop oil or liquid fertilizer rinsate in an approved manner (see **Disposal Note** below).
- 8) Remove the remaining nozzle tips and screens, and the line filter, and wash in a pail of warm soapy water, then rinse thoroughly and replace.
- 9) Hose down the inside walls of the spray tank again with an amount of water equal to 1/8 of the total tank capacity, and circulate this solution using the same procedure as noted in #3 above.

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Rinsate from this second rinsing may be utilized by diluting with the water for the next pesticide load if the next use of the sprayer will be for applying a **preemergent or preplant incorporated** pesticide on any crop for which Willowood Clomazone 3 is registered.

If the next use of the sprayer is a **post-emergent** application, drain the rinsate solution from this second rinsing and retain it for use only with a soil incorporated pesticide to be applied on a crop for which Willowood Clomazone 3 is registered. After draining the second rinsate solution, refill the tank according to post-emergent product label instructions.

**Disposal Note:** Dispose of excess spray mixture and/or *rinsate from first tank rinsing* by application to crops as described on this label. If excess spray mixture and/or *rinsate from first rinsing cannot* be disposed of according to label instructions, dispose of in compliance with local, state and federal guidelines. Contact your state pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance.

**Mixing Instructions**

Take precautions when mixing Willowood Clomazone 3 to order to avoid contact with desirable plants.

**Willowood Clomazone 3 Alone:** Mix this product with water or liquid fertilizer as follows:

- Fill the spray tank  $1/2 - 1/2$  to  $3/4 - 3/4$  full with water or liquid fertilizer.
- Add the proper amount of Willowood Clomazone 3.
- Add the rest of the water or liquid fertilizer.
- Provide adequate agitation during mixing and application to maintain a uniform spray mixture.

**Tank Mixtures:**

- Fill spray tank  $1/4 - 1/4$  to  $1/3$  full with water and maintain agitation.
- Add the specified amount of ingredients using the following order:
  - First: Dry formulations (e.g., wettable powders, dry flowables)
  - Next: Liquid suspensions (e.g., flowables)
  - Lastly: Liquids (e.g., EC's)
- Mix thoroughly and fill tank  $1/2 - 1/2$  full and maintain agitation.
- Add Willowood Clomazone 3 to tank and maintain agitation.
- Complete filling the sprayer tank with water.
- If a surfactant is added, add it as the last ingredient to the spray tank.
- Maintain agitation during filling, mixing and application.
- If using a drift reduction agent, follow specific product label instructions for order of addition to spray tank.

**Fertilizer Spray Mixtures:** Applications of Willowood Clomazone 3 alone, or with listed tank mixtures, in conjunction with fertilizer solutions, can be used unless directions for use specifically state otherwise. Test small quantities for compatibility with the following procedure before mixing tankful quantities:

- 1) Put 1 pint of fertilizer solution in a quart jar.
- 2) Add the appropriate amount of herbicide based on the table below.
- 3) If more than one product is to be used, add each separately using the following sequence:
  - First: Dry formulations (e.g., wettable powders, dry flowables)
  - Next: Liquid suspensions (e.g., flowables)
  - Lastly: Liquids (e.g., EC's)
- 4) Close jar and shake well.
- 5) Watch mixture for several seconds, again in 5 minutes and again after 30 minutes.

Herbicide	Rate Per Acre	Amount to be Added Per Pint of Fluid Fertilizer* (level teaspoon)
Wettable Powders or Dry Flowables (Dry Granules)	$1/2 - 1/2$ lbs. 1 lbs. 2 lbs. 3 lbs.	$3/4 - 3/4$ $1 - 1 - 1/2$ 3 $4 - 1 - 1/2$
Emulsifiable Concentrates	1 pt.	$1/2 - 1/2$

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or Flowables	1 qt.	1
	2 qts.	2
	3 qts.	3

\*Based on a spray volume of 25 gpa. Adjust fluid fertilizer quantity accordingly for lower or higher spray volumes.

If herbicide/fertilizer combination remains mixed or can be remixed readily (i.e., does not permanently separate, foam, gel or become lumpy), the mixture is compatible and can be mixed full volume and sprayed.

If the mixture is compatible, prepare the spray mixture by adding fertilizer solution to the tank first, then follow directions below:

- 1) **Willowood Clomazone 3 Alone:** With agitator running, dilute with 2 parts of water, then slowly add to fertilizer spray tank. Maintain continuous agitation during application.
- 2) **Willowood Clomazone 3 plus Tank Mixtures:** Dilute individual products with two (2) parts water, then add fertilizer, while maintaining agitation, using the following order—slurry of dry formulations (wetttable powders, dry flowables) first, diluted liquid formulations (EC's, flowables) second. Continue agitation during application.

**Ground Application Instructions**

**Broadcast or Banded Applications:** Apply Willowood Clomazone 3 alone or in tank mix combinations using a finished spray volume of 10 to 40 gallons of water per acre. Apply with nozzles suitable for broadcast boom or banded application of herbicides. Use coarse sprays to avoid drift out of the target area. See "APPLICATION PRECAUTIONS" and "SPRAY DRIFT PRECAUTIONS" sections for specific instructions to reduce spray drift.

For Willowood Clomazone 3 tank mixtures with wetttable powder or dry flowable formulations, nozzle screens and strainers should be no finer than 50-mesh.

Willowood Clomazone 3 can be used as a pre-emergent soil surface applied treatment from 30 days before planting to just prior to crop emergence. Use equipment that will move this product no deeper than 1 1/2" - 2" if field conditions indicate the need for additional seedbed preparation,

Banded Applications—Calculate the rates and volumes required by using the following formulas:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast rate per acre} = \text{Band rate per acre}$$

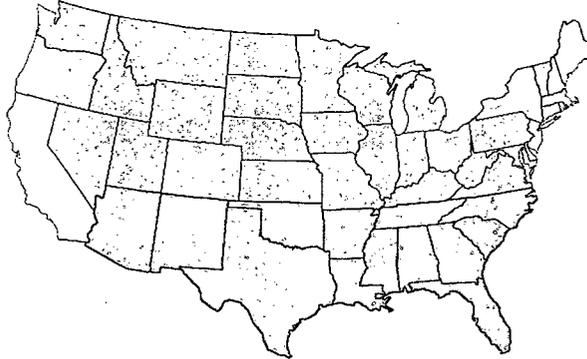
$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast volume per acre} = \text{Band volume per acre}$$

**Cultivation after Planting**

If cultivation is required due to soil crusting, compaction, or weed emergence, soil treated with Willowood Clomazone 3 may be shallow-cultivated no deeper than 1 1/2" - 2" or rotary-hoed without reducing the weed control activity of Willowood Clomazone 3 Command 3 MEC. Deep cultivation can bring untreated soil to the surface and result in poor weed control.

## Willowood Clomazone 3 Geographical Areas For Rates, Weed Control, and Crop Rotation

### Northern Region



### Southern Region\*

\*Southern region includes Missouri bootheel which incorporates the following counties: Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott, and Stoddard.

## COTTON

Apply Willowood Clomazone 3 pre-emergent banded or broadcast treatment in conventional tillage or conservation tillage systems to control annual grasses and broadleaf weeds in cotton. Do not incorporate Willowood Clomazone 3 or use in a tank mixture with any herbicide that requires soil incorporation.

### Cotton Use Precautions

- Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.
- Use the lowest possible boom height while maintaining a uniform spray pattern, in conjunction with nozzle type, size, operating pressure and volume that meet a droplet size classification of **coarse or greater**.

### Cotton Use Restrictions

- Do not spray within 300 feet of desirable plants.

### Requirements for Planting Time Applications

- Do not apply this product to cotton unless either disulfoton or phorate organophosphate insecticide is applied in-furrow with the seed at planting time at a minimum of 0.75 pound per acre of active ingredient.
- When applying this product as a banded treatment, do not reduce the application rate of the organophosphate insecticide.
- Crop phytotoxicity (bleaching) and/or stand reduction can occur if this product is not applied with disulfoton or phorate insecticides in accordance with in-furrow label directions.
- Using this product in combination with systemic granular carbamate and organophosphate insecticides at planting can result in injury to cotton.
- Crop injury can occur with higher rates of this product on sandy soils.
- Do not use Diuron at planting when Willowood Clomazone 3 is used to avoid plant injury.
- Refer to the insecticide product labels for appropriate in-furrow application directions and maximum use rates.
- Monitor application equipment to insure accurate and uniform placement of the insecticide.

### Pre-emergent Banded Applications

Refer to the directions for banded applications in the GROUND APPLICATION INSTRUCTIONS section.

### Replanting Instructions

Cotton may be replanted in fields treated with Willowood Clomazone 3 alone if the initial planting of cotton fails to produce a uniform stand. Do not retreat fields with a second application of Willowood Clomazone 3. If tank mixing with a labeled

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product, refer to the replant instructions for that product. Do not replant treated fields with any crop at intervals that are not consistent with the ROTATIONAL CROP RESTRICTIONS on this product label. If a tank mix is used, refer to the product's label for any additional replant instructions. Follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS noted above if replanting is required.

**Willowood Clomazone 3 Rates and Weeds Controlled (Applied Alone)**

Rate	Grasses Controlled
1 1/3 pt. (0.50 lb. AI)	Suppresses some annual grasses
2.0 pt. (0.75 lb. AI)	Barnyardgrass, Broadleaf signalgrass, Large & Smooth Crabgrass, Giant & Green Foxtail, Goosegrass, Panicum (Common, Fall, & Texas), Johnsongrass seedling, Field Sandbur (partial control)
2 2/3 pt. (1.0 lb. AI)	All grasses listed above PLUS: Cupgrass (Southwestern & Woolly), Field Sandbur, Bermudagrass (partial control), Red Rice, Itchgrass*
3 1/3 pt. (1.25 lb. AI)	All grasses listed above PLUS: Foxtail (Purple, Robust, Yellow), Junglerice (partial control), Shattercane (partial control), Wild Proso Millet (partial control)

\*Itchgrass: Do not incorporate Willowood Clomazone 3. Use 3 1/3 pints for high weed pressure and heavy soil.

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled (Applied Alone)**

Rate	Broadleaf Weeds Controlled
1 1/3 pt.* (0.50 lb. AI)	Velvetleaf Spurred Anoda
1 2/3 pt.*	*Use higher rate for heavy weed pressure or heavy soil
2.0 pt. (0.75 lb. AI)	Broadleaf weeds listed above PLUS: Common Ragweed (partial control), Jimsonweed (partial control), Lambsquarter, Pennsylvania Smartweed (partial control), Prickly Sida, Purslane, Redweed, Venice Mallow
2 2/3 pt. (1.0 lb. AI)	Broadleaf weeds listed above PLUS: Cocklebur, Common Ragweed, Dayflower, Florida Beggarweed, Florida Pusley, Jimsonweed, Kochia (partial control), Redvine (partial control), Tropic Croton, Wild Poinsettia**
3 1/3 pt. (1.25 lb. AI)	Broadleaf weeds listed above PLUS: Balloonvine, Balloon Vine (partial control), Black nightshade (partial control), Curly Dock, Joint Vetch (partial control), Kochia, Pitted Morningglory, Morning Glory, Pennsylvania Smartweed, Redroot Pigweed (partial control), Smooth Pigweed (partial control)

\*\*Use in AR/LA/MS/TX/OK only - for high pressure and heavy soils use 3 1/3 pints.

Use higher specified rates (a minimum of 2 2/3 pints per acre) in fields where weed pressure is heavy, and the field has in conservation programs. Select lower to higher rates based on lighter to heavier soil types. Use a minimum application rate of 3 1/3 pints per acre for cocklebur or common ragweed control in fields that have previously been in conservation programs.

**Willowood Clomazone 3 Use with Other Pre-emergent Herbicides Registered for Use on Cotton.**

Apply Willowood Clomazone 3 in combination with other herbicides registered for use in cotton to broaden the weed control spectrum. Refer to the other herbicide label for additional information. Follow all application precautions, rotational crop restrictions and replanting instructions of each product's label when using tank mixtures. Follow the most restrictive precautions and instructions for all products used.

**Crop Rotation Restrictions**

Rotate to crops listed below to avoid crop injury. Refer to sections headed "Rotational Cropping Precautions."

**Note:** When using Willowood Clomazone 3 with other registered herbicides always refer to rotational restrictions and precautions on the other product's label.

- Cover crops can be planted at any time, but stand reduction can occur in some areas. Do not harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3. Maximum Application Rate: 1.25 lbs. active ingredient per acre per season
- Do not apply Willowood Clomazone 3 within 65 days of harvest.
- Do not allow livestock to graze on cotton forage or trash, feed, treated cotton forage, or trash to livestock.

**Willowood Clomazone 3 Rotational Crop Restrictions for Cotton.**

Rate	Interval	Crop
	Anytime	Cabbage (transplanted), Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberos & Corm Vegetables

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1 1/3 pt. (0.50 lb. AI)	9 Months	All crops listed above PLUS: Cabbage (direct seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
2 - 2 2/3 pt. (0.75 - 1.0 lb. AI)	Anytime	Cotton*, Peppers, Rice, Soybeans, Winter Squash (2.0 pt.), Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Summer Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
3 1/3 pt. (1.25 lb. AI)	Anytime	Cotton*, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

### RICE

Apply Willowood Clomazone 3 as a surface broadcast treatment prior to weed emergence to control annual grass weeds in dry seeded rice.

#### Use Precautions for Rice

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

#### Pre-emergent Surface Broadcast Application

- Apply Willowood Clomazone 3 14 days before planting or up to 7 days after planting.
- Apply prior to weed emergence.
- Apply with ground equipment in a minimum of 10 to 40 gallons of water per acre at the rate of 2/3 to 2 1/8 pints product (0.25 to 0.8 lb. AI) per acre depending upon the soil texture.
- See the table below for application rates and weeds controlled.
- Use the higher specified rate for heavy soils for maximum control.
- For pre-emergent broadcast treatments, refer to the directions for broadcast applications in the GROUND APPLICATION INSTRUCTIONS section.

#### Early Postemergence Application

- Apply Willowood Clomazone 3 after planting as an early postemergence treatment to rice at the 1- to 5-leaf stage.
- Use ground equipment with nozzles that produce a coarse spray with a minimum of 10-40 gallons of water per acre.
- See the table below for specific rates and weeds controlled.
- To control existing grass at the application site, include a postemergence herbicide registered to control grass species in rice. Consult postemergence herbicide label for specific directions regarding use rates and stage of weeds and crop.

#### Replanting Precautions

- Rice can be replanted in fields treated with Willowood Clomazone 3 if the crop fails to produce a uniform stand at initial planting.
- If Willowood Clomazone 3 is tank mixed with a labeled product, refer to the replant instructions for that product.

#### Replanting Restrictions

- Do not make a second application of Willowood Clomazone 3.
- Do not replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP INSTRUCTIONS listed above. If a tank mix is used, refer to the product's label for any additional crop rotation instructions.

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**Willowood Clomazone 3 Applied Alone:  
 Single Application Pre-emergence or Post-emergence**

**Rates and Weeds Controlled: Select lower to higher rates based on lighter to heavier soils**

Broadcast Rates per Acre	Soil Texture
11 - 14 fl. oz. (0.25 - 0.33 lb. AI)	Coarse (light) Soils: Loamy sand, sandy loam
17 - 21 fl. oz. (0.4 - 0.5 lb. AI)	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
21 - 34 fl. oz. (0.5 - 0.8 lb. AI)	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay

**List of Grasses Controlled**

- Barnyardgrass (Watergrass) (*Echinochloa crus-galli*, *E. colonum*)
- Broadleaf signalgrass (*Brachiaria platyphylla*)
- Crabgrass (Large and Smooth) (*Digitaria* spp.)
- Panicum (*Panicum* spp.)
- Common
- Fall
- Texas
- Sprangletop (*Leptochloa* spp.)

If levees are pulled after this product has been applied, partial weed control may result. Make additional applications of post-emerge herbicide if this occurs.

**Split Applications**

Pre-emergent surface broadcast applications and early postemergence applications (out to the 2-leaf stage) of Willowood Clomazone 3 can be made in the same season to control the above weeds provided that the total seasonal application rate does not exceed 0.8 lb. AI/A. See the table below for rates.

**Willowood Clomazone 3 Split Application Rate Table**

Broadcast Rates per Acre		Soil Texture
Pre-Emergent	Post-Emergent	
2/3 pt. (0.25 lb. AI)	2/3 pt. (0.25 lb. AI)	Coarse (light) Soils: Loamy sand, sandy loam
4/5 - 7/8 pt. (0.3 - 0.35 lb. AI)	2/3 - 4/5 pt. (0.25 - 0.3 lb. AI)	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
1 1/8 - 1 1/3 pt. (0.4 to 0.5 lb. AI)	13 - 17 fl. oz. (0.3 to 0.4 lb. AI)	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay

**Split-Application Precautions**

- Stand loss or other rice crop injury can occur from applications of Willowood Clomazone 3 to fields that have been precision leveled with deep cuts.
- Contact rice specialists in your area to learn about soil amending practices designed to reduce potential for crop injury in precision leveled fields.
- Cover crops can be planted at any time, but stand reduction can occur in some areas.
- Rotate to crops as listed below to avoid crop injury. See the section "Rotational Cropping Precautions."

**Note:** Always refer to rotational restrictions and precautions on the other product's label if using Willowood Clomazone 3 in combination with other registered herbicides.

**Split-Application Crop Rotation Restrictions**

- ~~Do not~~ **DO NOT** harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.
- ~~Do not~~ **DO NOT** make split-applications in water-seeded rice.

Rate	Interval	Crop
	Anytime	Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberous & Corm Vegetables

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11 -- 34 fl. oz. (0.25-0.8 lb. AI)	9 Months	All crops listed above PLUS: Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**Crop Rotation Restrictions**

- ~~Do not~~**DO NOT** apply Willowood Clomazone 3 to rice fields where crayfish or catfish farming are concurrently included in the cultural practices.
- ~~Do not~~**DO NOT** use water containing this product's residues from rice cultivation to irrigate food or feed crops that are not registered for use with Willowood Clomazone 3.
- Maximum Application Rate: 34 fl. oz. AI of product (0.8 lb. AI Willowood Clomazone 3) per acre per use season.

**SOYBEANS**

Apply Willowood Clomazone 3 as a pre-emergent soil applied treatment to control annual grasses and broadleaf weeds in soybeans. Tank mix Willowood Clomazone 3 with other pre-emergent soybean herbicides for greater weed control. Willowood Clomazone 3 can be tank mixed with Canopy®, Dual®, Lasso®, Lexone®, Lorox®, Lorox Plus®, Prowl®, Pursuit®, Scepter®, Sencor®, Sonalan®, Squadron®, or other registered herbicides. Follow all precautions, instructions, and rotational cropping restrictions of each product's label when tank mixing, including any references to potential carryover and crop injury warnings or restrictions. The most restrictive precautions and instructions must be followed for all products used.

Water or liquid fertilizer can be a carrier for Willowood Clomazone 3 if applied alone, or if tank mixed with the herbicides listed above, unless directions for use specifically state otherwise.

**Replanting Precautions for Soybeans**

- Soybeans can be replanted in fields treated with Willowood Clomazone 3 alone (or with specified tank mixtures) if initial seeding of soybeans fails to produce a stand.
- Refer to the soybean replant instructions for that product if tank mixing with a labeled product.

**Replanting Restrictions for Soybeans**

- ~~Do not~~**DO NOT** make a second application of Willowood Clomazone 3.
- ~~Do not~~**DO NOT** replant treated fields with any crop at intervals that are not consistent with the Rotational Crop Instructions listed on this label.

Willowood Clomazone 3 can be used on Soybeans in the Northern Region of the map below

**Northern Region**



**Use Precautions for Soybeans**

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

**Willowood Clomazone 3 Rates and Grasses Controlled (Applied Alone)**

Rate	Grasses Controlled
1 1/3 pts. (0.50 lb. AI)	Suppresses some annual grasses
2.0 pts. (0.75 lb. AI)	All grasses listed above PLUS: Barnyardgrass, Large & Smooth Crabgrass, Field Sandbur, Foxtail (Giant, Green, Robust, Yellow), Goosegrass, Panicum (Common, Fall, & Texas), Johnsongrass seedling (partial control)
2 2/3 pts. (1.0 lb. AI)	All grasses listed above PLUS: Bermudagrass (partial control), Broadleaf Signalgrass, Southwestern Cupgrass, Woolly Cupgrass (partial control), Seedling Johnsongrass, Shattercane (partial control), Wild Proso Millet (partial control)

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled (Applied Alone)**

Rate	Broadleaf Weeds Controlled
1 1/3 pts. (0.50 lb. AI) 1 2/3 pt.*	Velvetleaf Spurred Anoda *Use higher rate for heavy weed pressure or heavy soil
2.0 pts. (0.75 lb. AI)	Broadleaf weeds listed above PLUS: Common Ragweed (partial control), Galinsoga, Jimsonweed (partial control), Lambsquarter, Prickly Sida, Purslane, Ladysthumb Smartweed (partial control), Pennsylvania Smartweed (partial control), Venice Mallow
2 2/3 pts. (1.0 lb. AI)	Broadleaf weeds listed above PLUS: Black Seeded Plantain, Cocklebur (partial control), Common Ragweed, Jimsonweed, Kochia, Ladysthumb Smartweed, Pennsylvania Smartweed, Tropic Croton

Use higher specified rates (a minimum of 2 2/3 pints per acre) in fields where weed pressure is heavy, and field has been in conservation programs. Select lower to higher rates based on lighter to heavier soil types.

**Soybean – Northern Region Crop Rotation Precautions**

- Cover crops can be planted at any time, but stand reduction can occur in some areas.
- Rotate to crops as listed below to avoid crop injury. See the section "Rotational Cropping Precautions."

**Note:** Always refer to rotational restrictions and precautions on the other product's label if using Willowood Clomazone 3 in combination with other registered herbicides.

**Soybean – Northern Region Crop Rotation Restrictions**

- ~~Do not~~**DO NOT** harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.
- ~~Do not~~**DO NOT** allow livestock to graze on soybean vines treated with this product.
- ~~Do not~~**DO NOT** feed soybean vines or soybean vine trash treated with this product to livestock.

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**Willowood Clomazone 3 Rotational Crop Restrictions for Soybeans in the Northern Region**

Rate	Interval	Crop
1 1/3 pts. (0.50 lb. AI)	Anytime	Cabbage (transplanted), Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage (Direct Seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (all), Wheat
	16 Months	All crops
2.0 pts. (0.75 lb. AI)	Anytime	Cotton*, Peppers, Soybeans, Rice, Soybeans, Winter Squash, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Summer Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (all), Wheat
	16 Months	All crops
2 2/3 pts. (1.0 lb. AI)	Anytime	Cotton*, Peppers, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Seed Corn, Sweet Corn, Tomatoes (all), Wheat
	16 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**Willowood Clomazone 3 can be used on Soybeans in the Southern Region of the map below**



**Southern Region**

**Additional Precautions for Soybean Applications in the Southern Region:**

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

Use the lowest possible boom height while maintaining a uniform spray pattern, in conjunction with nozzle type, size, operating pressure and volume that meet a droplet size classification of **coarse or greater**.

**DO NOT** spray within 300 feet of desirable plants.

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**Willowood Clomazone 3 Rates and Weeds Controlled**

Rate	Grasses Controlled
1 1/3 pts. (0.50 lb. AI)	Suppresses some annual grasses
2.0 pts. (0.75 lb. AI)	Barnyardgrass, Broadleaf signalgrass, Large & Smooth Crabgrass, Giant & Green Foxtail, Goosegrass, Panicum (Common, Fall, & Texas), Johnsongrass Seedling, Field Sandbur (partial control)
2 2/3 pts. (1.0 lb. AI)	All grasses listed above PLUS: Cupgrass (Southwestern & Woolly), Field Sandbur, Bermudagrass (partial control); Red Rice, Itchgrass*
3 1/3 pts. (1.25 lbs. AI)	All grasses listed above PLUS: Foxtail (Purple, Robust, Yellow), Junglerice (partial control), Shattercane (partial control), Wild Proso, Millet (partial control)

\*Itchgrass: Do not incorporate Willowood Clomazone 3. Use 3 1/3 pints for high weed pressure and heavy soil.

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled**

Rate	Broadleaf Weeds Controlled
1 1/3 pts. (0.50 lb. AI)	Velvetleaf Spurred Anoda *Use higher rate for heavy weed pressure or heavy soil
2.0 pts. (0.75 lb. AI)	Broadleaf weeds listed above PLUS: Common Ragweed (partial control), Jimsonweed (partial control), Lambsquarter, Pennsylvania Smartweed (partial control), Prickly Sida, Purslane, Redweed, Venice Mallow
2 2/3 pts. (1.0 lbs. AI)	Broadleaf weeds listed above PLUS: Cocklebur, Common Ragweed, Dayflower, Florida Beggarweed, Florida Pusley, Jimsonweed, Kochia (partial control), Redvine (partial control), Tropic Croton, Wild Poinsettia**
3 1/3 pts. (1.25 lbs. AI)	Broadleaf weeds listed above PLUS: <del>Balloenvine</del> Balloon Vine (partial control), Black nightshade (partial control), Curly Dock, Joint Vetch (partial control), Kochia, Pitted <del>Morningglory</del> Morning Glory, Pennsylvania Smartweed, Redroot Pigweed (partial control), Smooth Pigweed (partial control), Prostrate Spurge

\*\*Use in AR/LA/MS/TX/OK only – for high pressure and heavy soils use 3 1/3 pints.

Use higher specified rates (a minimum of 2 2/3 pints per acre) in fields where weed pressure is heavy, or the field has previously been in conservation programs. Select lower to higher rates based on lighter to heavier soil types. Use a minimum application rate of 3 1/3 pints per acre for cocklebur or common ragweed control in fields that have previously been in conservation programs.

**Soybean – Southern Region Crop Rotation Precautions**

- Cover crops can be planted at any time, but stand reduction can occur in some areas.
- Rotate to crops as listed below to avoid crop injury. See the section "Rotational Cropping Precautions:-".

**Note:** Always refer to rotational restrictions and precautions on the other product's label if using Willowood Clomazone 3 in combination with other registered herbicides.

**Soybean – Southern Region Crop Rotation Restrictions**

- ~~Do not~~**DO NOT** harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.
- ~~Do not~~**DO NOT** allow livestock to graze on soybean vines treated with this product.
- ~~Do not~~**DO NOT** feed soybean vines or soybean vine trash treated with this product to livestock.

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**Willowood Clomazone 3 Rotational Crop Restrictions for Soybeans in the Southern Region**

Rate	Interval	Crop
1 1/3 pts. (0.50 lb. AI)	Anytime	Cabbage (transplanted), Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage (Direct Seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
2.0 pts. - 2 2/3 pts. (0.75 — 1.0 lb. AI)	Anytime	Cotton*, Peppers, Rice, Soybeans, Winter Squash (2.0 pts.), Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Summer Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
3 1/3 pts. (1.25 lbs. AI)	Anytime	Cotton*, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**Application Instructions for Willowood Clomazone 3 Applied in Combination with Other Herbicides for Use on Soybeans**

Tank mix Willowood Clomazone 3 with other soybean herbicides to broaden the weed control spectrum compared to application of this product alone. The tables below provide a combination of products and application rates to broaden weed control spectrum. Willowood, LLC makes no claims as to weed control for any combination of rates or products other than as directed in this label. Updates and additional instructions for use of this product with other herbicides not listed in the label may become available after the date of publication for this label. Contact your local Willowood, LLC representative for more recent technical bulletins and supplemental labels. Observe all precautions and limitations appearing on the labels of each product when applying mixtures of Willowood Clomazone 3 with other herbicides. The most restrictive precautions and instructions for all products must be followed. Do not incorporate tank mixtures of Willowood Clomazone 3 and other products. When using tank mixes, observe all application precautions, rotational crop restrictions and replanting instructions of each product's label.

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**Willowood Clomazone 3 plus Canopy® Herbicide — Northern & Southern Regions**

These products tank mixed together broaden the weed control spectrum.

Do not apply this product to soils with <math>1/2\%</math> organic matter.

Broadcast Rates per Acre*			Soil Texture
Willowood Clomazone 3		Canopy	
North Region	South Region		
2.0 — 2 2/3 pts.	2 2/3 pts. — 3 1/3 pts.	4 — 6 oz.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 - 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	5 — 8 -oz.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 — 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	6 — 8 oz.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay

\*Select lower to higher rates within the range to correspond to the coarser to finer soil types within the soil texture group. The rate within the range should correspond to the anticipated weed pressure.

Broadleaf Weeds and Grasses Controlled	
Grasses	Broadleaf Weeds
Barnyardgrass	Balloonvine <del>Balloon Vine</del>
Bermudagrass	Black nightshade
Broadleaf signalgrass	Cocklebur**
Crabgrass (Large & Smooth)	Copperleaf
Cupgrass (Southwestern & Woolly)	Curly Dock
Field Sandbur	Dayflower
Foxtail (Giant, Green, Purple, Robust, Yellow)	Florida Beggarweed
Goosegrass	Florida Pusley (partial control)
Itchgrass	Hemp sesbania
Johnsongrass seedling	Hophornbeam (partial control)
Junglerice	Jimsonweed
Panicum (Common, Fall, & Texas)	Joint Vetch
Red Rice	Kochia
Shattercane	Lambsquarter
Wild Proso Millet	<del>Morningglory</del> Morning Glory (Annual, Ivyleaf, Entireleaf, Pitted, Tall) (partial control)
	Pigweed (Redroot, Smooth)
	Prickly Sida
	Prostrate Spurge
	Purslane
	Ragweed (Common)
	Redroot Pigweed
	Redvine
	Redweed
	Sicklepod (partial control)
	Smartweed (Pennsylvania)
	Smooth Pigweed
	Spurred Anoda
	Tropic Croton
	Velvetleaf
	Venice Mallow
	Wild Poinsettia

\*\*Large seeded weeds, germinating deep in the soil, such as ~~morningglory~~ Morning Glory, sicklepod and cocklebur or weeds with subsequent flushes may require a cultivation or an application of a post-emergence herbicide for season long control.

Follow all precautions and limitations appearing on the labels of each product being mixed. Observe precautions and restrictions sections regarding planting depth, phosphate pesticide interaction, previous pesticides, and sensitive soybean varieties on the Canopy label. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Canopy with Willowood Clomazone 3.

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**Willowood Clomazone 3 plus Dual® 8 E Herbicide — Northern & Southern Regions**

These products tank mixed together broaden the weed control spectrum.

Broadcast Rates per Acre			Soil Texture
Willowood Clomazone 3		Dual® 8 E	
North Region	South Region		
2.0 — 2 2/3 pts.	2 2/3 pts. — 3 1/3 pts.	1 1/2 1/2 - 2 pts.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 - 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	2 -- 2 1/2 1/2 pts.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 — 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	2 -- 2 1/2 1/2 pts.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay
Broadleaf Weeds and Grasses Controlled			
Grasses		Broadleaf Weeds	
Barnyardgrass		Balloonvine	Balloon Vine
Bermudagrass		Black nightshade	
Broadleaf signalgrass		Carpetweed	
Crabgrass (Large & Smooth)		Cocklebur**	
Cupgrass (Southwestern & Woolly)		Curly Dock	
Field Sandbur		Dayflower	
Foxtail (Giant, Green, Purple, Robust, Yellow)		Florida Beggarweed	
Goosegrass		Florida Pusley (partial control)	
Itchgrass		Jimsonweed	
Johnsongrass seedling		Joint Vetch	
Junglerice		Kochia	
Nutsedge		Lambsquarter	
Panicum (Common, Fall, & Texas)		Morningglory	Morning Glory (Pitted)
Red Rice (Use higher rates in areas with heavy weed pressure)		Pigweed	
Shattercane		Prickly Sida	
Wild Proso Millet		Purslane	
Witchgrass		Ragweed (Common)	
		Redroot Pigweed	
		Redvine	
		Redweed	
		Smartweed (Pennsylvania)	
		Smooth Pigweed	
		Spurred Anoda	
		Tropic Croton	
		Velvetleaf	
		Venice Mallow	
		Wild Poinsettia	

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Dual® 8 E with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

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**Willowood Clomazone 3 plus Lasso® or Lasso® Micro-Tech — Northern & Southern Regions**

These products tank mixed together broaden the weed control spectrum compared to either product used alone.

Broadcast Rates per Acre			Soil Texture
Willowood Clomazone 3		Lasso®/Lasso® Micro-Tech	
North Region	South Region		
2.0 — 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	2 - 2 1/2 1/2 qts.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 — 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	2 1/2 1/2 - 3 qts.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 — 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	2 1/2 1/2 - 3 qts.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay

\*Lasso: Select lower to higher rates within the specified rates provided based on lighter to heavier soil types (i.e., sand, loamy sand, sandy loam) within a textural group.

Broadleaf Weeds and Grasses Controlled	
Grasses	Broadleaf Weeds
Barnyardgrass	Black nightshade
Bermudagrass	Carpetweed
Broadleaf signalgrass	Cocklebur**
Crabgrass(Large & Smooth)	Curly Dock
Cupgrass (Southwestern & Woolly)	Dayflower
Field Sandbur	Florida Beggarweed
Foxtail (Giant, Green, Purple, Robust, Yellow)	Florida Pusley (partial control)
Goosegrass	Jimsonweed
Itchgrass	Joint Vetch
Johnsongrass seedling	Kochia
Junglerice	Lambsquarter
Panicum (Common, Fall, & Texas)	Morningglory/Morning Glory (Pitted)
Shattercane	Pigweed (Redroot, Smooth)
Wild Proso Millet	Prickly Sida
	Prostrate Spurge
	Purslane
	Ragweed (Common)
	Redroot Pigweed
	Redvine
	Redweed
	Smartweed (Pennsylvania)
	Spurred Anoda
	Tropic Croton
	Velvetleaf
	Venice Mallow
	Wild Poinsettia

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Lasso® or Lasso® Tech. with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

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**Willowood Clomazone 3 plus Lorox® DF – Northern & Southern Regions**

These products tank mixed together and applied preemergence will broaden the weed control spectrum compared to either product used alone. However, do not incorporate this tank mix combination.

Plant seed a minimum of 1 3/4 inches deep to avoid Lorox injury to soybeans. See Lorox label for all other planting and application precautions. One pint of Lorox L equals one pound of Lorox DF; be sure to use equivalent rates.

Do not use this combination on sand, loamy sand, gravelly soils, or exposed subsoils or soils with <1% organic matter. Use only on loamy sand with >1% organic matter.

Broadcast Rates per Acre*			Soil Texture
Willowood Clomazone 3		Lorox® DF	
North Region	South Region		
2.0 – 2 2/3 pts.	2 2/3 pts. – 3 1/3 pts.	2/3 - 1 lb.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 – 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	1 – 1 1/2 1/2 lbs.	Medium Soils: L(loam, silt, silt loam, sandy clay, sandy clay loam)
2.0 – 2 2/3 pts.	2 2/3 pts. - 3 1/3 pts.	1 1/4 - 2 lbs.	Fine (heavy) Soils: S(silty clay, clay loam, silty clay loam, clay)

\*Select lower to higher rates within the specified rates based on lighter to heavier soil types (i.e., loam, silt loam, sandy clay, sandy clay loam) within a textural group.

**Broadleaf Weeds and Grasses Controlled**

Grasses	Broadleaf Weeds
Barnyardgrass	Balloovine <del>Balloon</del> Vine
Bermudagrass	Black Nightshade
Broadleaf signalgrass	Carpetweed
Crabgrass (Large & Smooth)	Chickweed
Cupgrass (Southwestern & Woolly)	Cocklebur
Field Sandbur	Curly Dock
Foxtail (Giant, Green, Purple, Robust, Yellow)	Dayflower
Goosegrass	Florida Beggarweed
Itchgrass	Florida Pusley (partial control)
Johnsongrass seedling	Jimsonweed
Junglerice	Joint Vetch
Panicum (Common, Fall, & Texas)	Kochia
Red Rice	Lambsquarter
Shattercane	<del>Morningglory</del> Morning Glory (Pitted)
Wild Proso Millet	Pigweed (Redroot, Smooth)
	Prickly Sida
	Prostrate Spurge
	Purslane
	Ragweed (Common)
	Redvine
	Redweed
	Smartweed (Pennsylvania)
	Spurred Anoda

	Tropic Croton Velvetleaf Venice Mallow Wild Mustard Wild Poinsettia Wild Radish
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Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Lorox® DF with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 plus Lorox Plus® – Northern & Southern Regions**

These products tank mixed together and applied preemergence will broaden the weed control spectrum compared to either product used alone. However, do not incorporate this tank mix combination.

Plant seed a minimum of 1 <sup>3</sup>/<sub>4</sub> inches deep to avoid Lorox injury to soybeans. See Lorox label for all other planting and application precautions.

Do not use this combination on sand, loamy sand, gravelly soils, or exposed subsoils or soils with <1% organic matter. Use only on loamy sand with >1% organic matter.

Broadcast Rates per Acre*			Soil Texture
Willowood Clomazone 3		Lorox® Plus	
North Region	South Region		
2.0 – 2 2/3 pts.	2 2/3 pts. – 3 1/3 pts.	9 – 12 oz.	Coarse (light) Soils: <u>S</u> (sand, loamy sand, sandy loam)
2.0 – 2 2/3 pts.	2 2/3 pts. – 3 1/3 pts.	10 – 14 oz.	Medium Soils: <u>L</u> (loam, silt, silt loam, sandy clay, sandy clay loam)
2.0 – 2 2/3 pts.	2 2/3 pts. – 3 1/3 pts.	11 – 14 oz.	Fine (heavy) Soils: <u>S</u> (silty clay, clay loam, silty clay loam, clay)

\*Select lower to higher rates within the specified rates provided based on lighter to heavier soil types (i.e., loam, silt loam, sandy clay, sandy clay loam) within a textural group.

Broadleaf Weeds and Grasses Controlled	
Grasses	Broadleaf Weeds
Barnyardgrass	<del>Balloenvine</del> Balloon Vine
Bermudagrass	Black nightshade (partial control)
Broadleaf signalgrass	Carpetweed
Crabgrass(Large & Smooth)	Cocklebur**
Cupgrass (Southwestern & Woolly)	Curly Dock
Field Sandbur	Dayflower
Foxtail (Giant, Green, Purple, Robust, Yellow)	Florida Beggarweed
Goosegrass	Florida Pusley (partial control)
Itchgrass	Jimsonweed
Johnsongrass seedling	Joint Vetch
Junglerice	Kochia
Panicum (Common, Fall, & Texas)	Lambsquarter
Red Rice	<del>Morningglory</del> Morning Glory (Annual, Ivyleaf, Entireleaf, Pitted, Tall) (partial control)**
Shattercane	Mustards
Wild Proso Millet	Pigweed (Redroot, Smooth)
	Prickly Sida
	Prostrate Spurge
	Purslane

	Ragweed (Common) Ragweed (Giant) (Partial Control) Redvine Smartweed (Pennsylvania) Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Poinsettia
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\*\*Loamy sand: Large seeded weeds, germinating deep in the soil, such as ~~morningglory~~ Morning Glory, sicklepod and cocklebur or weeds with subsequent flushes may require a cultivation or an application of a post-emergence herbicide for season long control.

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Lorox Plus® with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 plus Metribuzin (Sencor® or Lexone®) – Northern Region Only**

These products tank mixed together and applied preemergence will broaden the weed control spectrum compared to either product used alone.

~~Do not~~ **DO NOT** use this combination on soils with <0.5% organic matter.

~~Do not~~ **DO NOT** use on sand or loamy sand soils with <2.0% organic matter.

~~Do not~~ **DO NOT** use this combination on soils with a calcareous surface area or a pH >7.5 or crop injury can occur.

Metribuzin can injure soybeans in excessively moist conditions, cool weather, or in compacted soils.

Broadcast Rates per Acre*		Soil Texture
Willowood Clomazone 3	Sencor® DF or Lexone®-DF**	
2.0 – 2 2/3 pts.	1/4 – 1/3 lb.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 – 2 2/3 pts.	1/4 – 1/2 1/2 lb.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 – 2 2/3 pts.	1/3 – 1/2 lb.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay

\*Select lower to higher rates within the specified rates provided based on lighter to heavier soil types (i.e., silt loam, sandy clay, sandy clay loam) within a textural group.  
\*\*For pints Sencor 4 or Lexone 4L, multiply lbs. DF by 1.5

Broadleaf Weeds and Grasses Controlled	
Grasses	Broadleaf Weeds
Barnyardgrass	<del>Balleonvine</del> Balloon Vine
Bermudagrass	Black nightshade
Broadleaf signalgrass	Carpetweed
Crabgrass (Large & Smooth)	Cocklebur
Cupgrass (Southwestern & Woolly)	Curly Dock
Field Sandbur	Dayflower
Foxtail (Giant, Green, Purple, Robust, Yellow)	Florida Beggarweed
Goosegrass	Florida Pusley (partial control)
Itchgrass	Jimsonweed
Johnsongrass seedling	Joint Vetch
Junglerice	Kochia
Shattercane	Lambsquarter
Wild Proso Millet	<del>Morningglory</del> Morning Glory (Pitted)
	Prickly Sida
	Prostrate Spurge
	Purslane
	Ragweed (Common)
	Redroot Pigweed

	Redvine Redweed Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Mustard Wild Poinsettia
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Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Sencor® or Lexone® with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 plus Metribuzin (Sencor® or Lexone®) – Southern Region Only**

These products tank mixed together and applied preemergence will broaden the weed control spectrum compared to either product used alone.

- ~~Do not~~ **DO NOT** use this combination on soils with <0.5% organic matter.
- ~~Do not~~ **DO NOT** use on sand or loamy sand soils with <2.0% organic matter.
- ~~Do not~~ **DO NOT** use this combination on soils with a calcareous surface area or a pH >7.5 or crop injury can occur.

Use 2/3 – 1 lb. metribuzin on silty clay and heavy clay soil of the Mississippi Delta.

Metribuzin can injure soybeans in excessively moist conditions, cool weather, or in compacted soils.

Broadcast Rates per Acre*		Soil Texture
Willowood Clomazone 3	Sencor DF® or Lexone DF®**	
2 2/3 pts. – 3 1/3 pts.	1/4 <sup>+</sup> - 1/3 lb.	Coarse (light) Soils: Loamy sand, sandy loam
2 2/3 pts. - 3 1/3 pts.	1/4 <sup>+</sup> -- 1/2 <sup>1/2</sup> lb.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2 2/3 pts. - 3 1/3 pts.	1/3 – 2/3 lb.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay
*Select lower to higher rates within the specified rates provided based on lighter to heavier soil types (i.e., silt loam, sandy clay, sandy clay loam) within a textural group.		
**For pints Sencor 4 or Lexone 4L, multiply lbs. DF by 1.5		
Broadleaf Weeds and Grasses Controlled		
Grasses	Broadleaf Weeds	
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling Junglerice Panicum (Common, Fall, & Texas) Red Rice Shattercane Wild Proso Millet	<del>Balloonvine</del> Balloon Vine Black nightshade Carpetweed Cocklebur Curly Dock Dayflower Florida Beggarweed Florida Pusley (partial control) Giant Ragweed (partial control) Jimsonweed Joint Vetch Kochia Lambsquarter <del>Morningglory</del> Morning Glory (Pitted) Prickly Sida	

	Prostrate Spurge Purslane Ragweed (Common) Redroot Pigweed Redvine Redweed Sicklepod (partial control & reduced competition) Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Mustard Wild Poinsettia
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Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Sencor® or Lexone® with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 plus Prowl® 4-EC Herbicide – Northern & Southern Regions**

These products tank mixed together and applied preemergence will broaden the weed control spectrum compared to either product used alone.

Broadcast Rates per Acre*			Soil Texture
Willowood Clomazone 3		Prowl 4EC®	
North Region	South Region		
2.0 – 2 2/3 pts.	2 2/3 - 3 1/3 pts.	1 - 1 1/2 pts.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 – 2 2/3 pts.	2 2/3 - 3 1/3 pts.	2 pts.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 – 2 2/3 pts.	2 2/3 - 3 1/3 pts.	2 – 2.5 pts.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay
*Select lower to higher rates within the specified rates provided based on lighter to heavier soil types (i.e., loam, silt loam, sandy clay, sandy clay loam) within a textural group.			
Broadleaf Weeds and Grasses Controlled			
Grasses		Broadleaf Weeds	
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling Junglerice Panicum (Common, Fall, & Texas) Red Rice Shattercane Wild Proso Millet		<del>Balleenvine</del> <u>Balloon Vine</u> Black nightshade Carpetweed Cocklebur Curly Dock Dayflower Florida Beggarweed Florida Pusley Giant Ragweed (partial control) Hemp sesbania (Coffeeweed) Hophornbeam (partial control) Jimsonweed Joint Vetch Kochia Lambsquarter <del>Morningglory</del> <u>Morning Glory</u> (Pitted) Pigweed (Redroot, Smooth) Prickly Sida Prostrate Spurge Purslane Ragweed (Common) Redroot Pigweed	

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	Redvine Redweed Sicklepod (partial control & reduced competition) Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Poinsettia
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Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Prowl 4EC® with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Postemergence Applications of Pursuit® Herbicide**

These products tank mixed together and applied postemergence will broaden the weed control spectrum compared to either product used alone.

**Willowood Clomazone 3 Followed by Postemergence Applications of Pursuit® Herbicide++**

Broadcast Rates per Acre		Soil Texture*
Willowood Clomazone 3	Pursuit	
2.0 - 2 2/3 pts. (0.25 lb. AI)	2 - 3 fl. oz.	Coarse, Medium, and Fine Soils

\*Select lower to higher rates within the specified rates provided based on lighter to heavier soil types within a textural group.

++ Postemergence application requires specific additives. Refer to current Pursuit label for specific directions.

Application of Willowood Clomazone 3 will reduce competition from the above weeds, allowing control of light to moderate infestations with a postemergence application of Pursuit herbicide at the noted rate.

Apply to weeds less than one inch tall.

Application of Willowood Clomazone 3 followed by a postemergence treatment with Pursuit will control all of the weeds controlled by use of Willowood Clomazone 3 alone PLUS:

- Cocklebur
- Pigweed
- Nightshade (Black, Eastern Black, Hairy)
- Mustard Species
- Pennsylvania Smartweed

The maximum weed height to control weeds is 1 inch.

Weed control may be erratic under heavy weed infestations. Improve control by cultivating approximately 14 days after the postemergence treatment.

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**DO NOT DO NOT** apply Pursuit herbicide when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops, including leafy vegetables and sugar beets.

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Pursuit with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Scepter® Herbicide – Northern Region Only**

These products tank mixed together and applied postemergence will broaden the weed control spectrum compared to either product used alone.

See Scepter label for specific geographic and rainfall restrictions.

Broadcast Rates per Acre		Soil Texture*
Willowood Clomazone 3	Scepter®	
2.0 - 2 2/3 pts.	1/3 - 1/2 pts.**	All soil types
*Use higher rates within the specified range when weed pressure is heavy. **Rates are based on Scepter products containing 1.5 lbs. AI. Equivalent amounts of Scepter O.T. containing 2 1/2 1/4 lbs. AI are 3.2 to 4.8 fl. oz. (1/5 to 1/3 pint).		
Broadleaf Weeds and Grasses Controlled		
Grasses	Broadleaf Weeds	
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling Junglerice Panicum (Common, Fall, & Texas) Red Rice Shattercane Wild Proso Millet	Balloonvine Balloon Vine Black nightshade (partial control) Cocklebur Common Sunflower Curly Dock Dayflower Florida Beggarweed Florida Pusley (partial control) Giant Ragweed (partial control) Jimsonweed Joint Vetch Kochia Lambsquarter Morningglory Morning Glory (Pitted) Pigweed spp.	

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	Prickly Sida Prostrate Spurge Purslane Ragweed (Common) Redroot Pigweed Redvine Redweed Sicklepod (partial control & reduced competition) Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Poinsettia
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Soybeans can be replanted if crop yield is reduced by weather conditions, but do not make additional tank mix applications with Willowood Clomazone 3 and Scepter®.

Important: Adequate moisture in the soil is required for maximum effectiveness of this tank mix.

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Scepter with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Scepter® Herbicide – Southern Region Only**

See Scepter label for specific geographic and rainfall restrictions.

Broadcast Rates per Acre		Soil Texture*
Willowood Clomazone 3	Scepter®	
2- 2/3 - 3 1/3 pt.	1/2 – 2/3 pt.**	All soil types

\*Use higher rates within the specified range when weed pressure is heavy.

\*\*Rates are based on Scepter products containing 1.5 lbs. AI. Equivalent amounts of Scepter O.T. containing 2 1/2 lbs. AI are 4.8 to 7.2 fl. oz.-

Broadleaf Weeds and Grasses Controlled	
Grasses	Broadleaf Weeds
Barnyardgrass Bermudagrass Broadleaf signal grass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling	Balloonvine Balloon Vine Black nightshade (partial control) Carpetweed Chickweed Cocklebur Common Sunflower Copperleaf Curly Dock Dayflower Florida Beggarweed

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Junglerice Millet Panicum (Common, Fall, & Texas) Shattercane Wild Proso	Florida Pusley (partial control) Giant Ragweed (partial control) Hemp sesbania (Coffeeweed) Hophornbeam (partial control) Jimsonweed Joint Kochia Lambsquarter Morningglory Morning Glory (Annual, Ivyleaf, Entireleaf, Pitted, Tall) (partial control) Pigweed spp. Prickly Sida Purslane Ragweed (Common) Redroot Pigweed Redvine Redweed Sicklepod (partial control & reduced competition) Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Vetch Wild Mustard Wild Poinsettia
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Soybeans can be replanted if crop yield is reduced by weather conditions, but do not make additional tank mix applications with Willowood Clomazone 3 and Scepter®.

**Important:** Adequate moisture in the soil is required for maximum effectiveness of this tank mix.

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Scepter with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Sonalan® EC Herbicide – Northern Region Only**

These products tank mixed together broaden the weed control spectrum compared to either product used alone.

Broadcast Rates per Acre*		Soil Texture
Willowood Clomazone 3	Sonalan® EC	
2.0 pts. - 2 2/3 pts.	1 1/4 - 2 pts.	Coarse (light) Soils: Loamy sand, sandy loam
2.0 pts. - 2 2/3 pts.	1 3/4 - 2 1/2 pts.	Medium Soils: Loam, silt, silt loam, sandy clay, sandy clay loam
2.0 pts. - 2 2/3 pts.	2 1/4 - 3 pts.	Fine (heavy) Soils: Silty clay, clay loam, silty clay loam, clay
*Use lower to higher rates within the specified range to correspond to the coarser to finer soil types within the textural group. Rates within the range should correspond to weed pressure.		
Broadleaf Weeds and Grasses Controlled		
Grasses	Broadleaf Weeds	
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass (Large & Smooth) Cupgrass (Southwestern & Woolly)	Balloonvine Balloon Vine Black nightshade (partial control) Carpetweed Chickweed Cocklebur	

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Field Sandbur	Curly Dock
Foxtail (Giant, Green, Purple, Robust, Yellow)	Dayflower
Goosegrass	Florida Beggarweed
Itchgrass	Florida Pusley (partial control)
Johnsongrass seedling	Hophornbeam (partial control)
Junglerice	Jimsonweed
Panicum (Common, Fall, & Texas)	Joint Vetch
Red Rice	Kochia
Shattercane	Lambsquarter
Wild Proso Millet	<del>Morningglory</del> Morning Glory (Annual, Ivyleaf, Entireleaf, Pitted, Tall) (partial -control)
	Pigweed spp.
	Prickly Sida
	Prostrate Spurge
	Purslane
	Ragweed (Common)
	Redroot Pigweed
	Redvine
	Redweed
	Smartweed (Pennsylvania)
	Smooth Pigweed
	Spurred Anoda
	Tropic Croton
	Velvetleaf
	Venice Mallow
	Wild Poinsettia

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Sonalan® EC with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Squadron – Northern Region Only**

These products tank mixed together broaden the weed control spectrum compared to either product used alone.

See Squadron label for specific geographic and rainfall restrictions.

Broadcast Rates per Acre		Soil Texture
Willowood Clomazone 3	Squadron®	
2.0 – 2 2/3 pts.	1 1/2 – 2 1/4 pts.**	All soil types
*Maximum application rate in Northern Area on the Squadron label is 1 1/2 1/4 pts. **Use the higher rate of Squadron in areas where cocklebur infestation is heavy.		
<b>Broadleaf Weeds and Grasses Controlled</b>		

Grasses	Broadleaf Weeds
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling Junglerice Panicum (Common, Fall, & Texas) Red Rice Shattercane Wild Proso Millet	<del>Balloonvine</del> Balloon Vine Black nightshade Cocklebur Common Sunflower Curly Dock Dayflower Florida Beggarweed Florida Pusley (partial control) Jimsonweed Joint Vetch Kochia Lambsquarter <del>Morningglory</del> Morning Glory (Pitted) Pigweed spp. Prickly Sida Prostrate Spurge Purslane Ragweed (Common) Redroot Pigweed Redvine Redweed Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Squadron with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Plus Squadron – Southern Region Only**

These products tank mixed together broaden the weed control spectrum compared to either product used alone.

See Squadron label for specific geographic restrictions.

Broadcast Rates per Acre		
Willowood Clomazone 3	Squadron®	Soil Texture
2 2/3 – 2 2/3 pts.	2 1/4 – 3 pts.*	All soil types

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\*Use the higher rate of Squadron in areas where cocklebur and pigweed infestations are heavy.

**Broadleaf Weeds and Grasses Controlled**

Grasses	Broadleaf Weeds
Barnyardgrass Bermudagrass Broadleaf signalgrass Crabgrass(Large & Smooth) Cupgrass (Southwestern & Woolly) Field Sandbur Foxtail (Giant, Green, Purple, Robust, Yellow) Goosegrass Itchgrass Johnsongrass seedling Junglerice Panicum (Common, Fall, & Texas) Red Rice Shattercane Wild Proso Millet	<del>Balloenvine</del> Balloon Vine Black nightshade Cocklebur Common Sunflower Copperleaf Curly Dock Dayflower Florida Beggarweed Florida Pusley (partial control) Jimsonweed Joint Vetch Kochia Lambsquarter <del>Morningglory</del> Morning Glory (Pitted) Pigweed spp. Prickly Sida Prostrate Spurge Purslane Ragweed (Common) Redroot Pigweed Redvine Redweed Smartweed (Pennsylvania) Smooth Pigweed Spurred Anoda Tropic Croton Velvetleaf Venice Mallow Wild Poinsettia

Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label when using tank mixing Squadron with Willowood Clomazone 3. Follow the most restrictive precautions and instructions from all products mixed.

**Willowood Clomazone 3 Application Followed by Post-emergence Treatment**

Willowood Clomazone 3 can be applied alone on soybeans or in a tank mix with other postemergence herbicides approved for use on soybeans to control of emerged weeds as listed on the postemergence herbicide product label. Follow all precautions and limitations appearing on the labels of each product being mixed. Follow application precautions, rotational instructions, and replanting instructions of each product's label. Follow the most restrictive precautions and instructions from all products mixed.

**DO NOT** apply Classic, Pursuit or Scepter as a post-emergence treatment after Willowood Clomazone 3 has been tank mixed with Canopy, Preview, Pursuit Plus, Scepter, or Squadron, unless the their respective product label specifically provides instructions for making such a treatment. Using these products cumulatively can cause injury to soybeans or rotation crops because all of these herbicides share a common mode of action.

**Willowood Clomazone 3 Treatment Followed By Treatment with Acifluorfen (Ultra Blazer®) Herbicide**

A post-emergence application of acifluorfen after treatment with Willowood Clomazone 3 alone will control: Black Nightshade, Cocklebur, Hemp sesbania, Pigweed (Redroot), Pitted ~~Morningglory~~Morning Glory, Purple Moonflower, Wild Mustard.

Apply 1 pint per acre of acifluorfen with .25% crop oil concentrate to actively growing weeds that have reached the 4-leaf growth stage (count **only** the fully developed true leaves). This timing correlates to soybean growth stages of the first to third trifoliolate leaves.

**NOTE:** Willowood Clomazone 3 retards weed development, thereby extending the period that acifluorfen can be used effectively. Read and follow all precautions, restrictions, and warnings on all product labels before making any application.

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**Willowood Clomazone 3 Treatment Followed By Treatment with Scepter® Herbicide**

A postemergence application of Scepter after treatment with Willowood Clomazone 3 alone will control: Cocklebur, Common Pigweed, and Wild Poinsettia.

Apply Scepter after crop emerges and before weeds reach 12" tall (6" for Wild Poinsettia). Make a broadcast application of 1/3 pint per acre when weeds are actively growing.

**DO NOT** apply Scepter postemergence when soybeans and weeds are stressed due to extremes in temperature and moisture.

**DO NOT** exceed 1/3 pint per acre per season of Scepter in the Northern region.

**DO NOT** exceed 2/3 pint per acre per season in the Southern region.

Squadron and Scepter contain the same active ingredient.

**Add a nonionic surfactant or crop oil concentrate to all postemergence applications. The nonionic surfactant must contain at least 80% active ingredient. Apply 2 pints per 100 gallons of spray mixture. Apply the crop oil concentrate (COC) at the rate specified on the COC label.**

Read and follow all precautions, restrictions, and warnings on all product labels before making any application.

**SUGARCANE**

Willowood Clomazone 3 is an effective pre-emergent soil applied treatment for controlling annual grasses and broadleaf weeds in sugarcane.

- Apply 2 2/3 to 3 1/3 pints (1.0 to 1.25 lb. AI) per acre in 10 to 40 gallons of water per acre on newly planted or ratoon sugarcane using ground equipment.
- Apply to newly planted sugarcane in late summer or early fall.
- Apply to newly planted or ratoon sugarcane in spring through layby.

**Sugarcane Precautions**

- Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

**Sugarcane Restrictions**

- **DO NOT** apply Willowood Clomazone 3 within 1,200 feet of: Towns and Housing Developments, Commercial Vegetable Production (except peppers, pumpkins, succulent peas, sweet corn, sweet potato, and winter squash), Commercial Fruit/Nut production, Commercial Nurseries, and Commercial Greenhouses.
- **DO NOT** apply when air currents can carry spray particles to areas where sensitive crops and plants are growing.
- **DO NOT** apply when temperature inversions exist.
- Prior to application adjacent properties must be checked. Do not apply within 300 feet of desirable plants.

**Preemergent Banded Treatments**

Refer to the directions for banded application in the GROUND APPLICATION INSTRUCTIONS section.

**Replanting Instructions**

- If the initial planting of newly planted sugarcane does not produce a uniform stand, replant sugarcane in fields treated with Willowood Clomazone 3 alone.
- If tank mixing with an approved labeled product, refer to the replant instructions for that product.
- If a tank mix is used, refer to the product's labels for any additional replant instructions, and follow the most restrictive precautions and use directions. If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS section.

**Replanting Restrictions**

- Do not make a second application of Willowood Clomazone 3 if fields have been retreated.
- Do not replant treated fields with any crop at intervals that are not consistent with the ROTATIONAL CROP RESTRICTIONS on this label.

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Rate	Grasses Controlled
2 2/3 pts. (1.0 lb. AI)	Barnyardgrass, Broadleaf signalgrass, Large & Smooth Crabgrass, Southwestern Cupgrass, Woolly Cupgrass, Field Sandbur, Giant & Green Foxtail, Goosegrass, Itchgrass*, Panicum (Common, Fall, & Texas), Johnsongrass seedling
3 1/3 pts. (1.25 lbs. AI)	All grasses listed above PLUS: Bermudagrass**, Foxtail (Purple, Robust, Yellow), Junglerice (partial control), Shattercane (partial control), Wild Proso Millet (partial control)

\*Itchgrass: Do not incorporate Willowood Clomazone 3. Use 3 1/3 pints for high weed pressure and heavy soil.  
\*\*Bermudagrass: Willowood Clomazone 3 is effective in delaying Bermudagrass reestablishment when applied immediately after planting sugarcane in late summer or early fall.

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled**

Rate	Broadleaf Weeds Controlled
2 2/3 pts. (1.0 lb. AI)	Velvetleaf, Spurred Anoda, Cocklebur, Common Ragweed, Dayflower, Florida Beggarweed, Jimsonweed, Kochia (partial control), Lambsquarter, Pennsylvania Smartweed (partial control), Prickly Sida, Purslane, Redvine (partial control), Redweed, Tropic Croton, Venice Mallow, Wild Poinsettia
3 1/3 pts. (1.25 lbs. AI)	All broadleaf weeds listed above PLUS: <del>Balloenvine</del> Balloon Vine (partial control), Black nightshade (partial control), Curly Dock, Joint Vetch (partial control), Kochia, Pitted <del>Morningglory</del> Morning Glory, Pennsylvania Smartweed, Redroot Pigweed (partial control), Smooth Pigweed (partial control)

Willowood Clomazone 3 can be applied in combination with other herbicides registered for use in sugarcane. If using a tank mixture, follow application precautions, rotational instructions, and replanting instructions of each product's label. Follow the most restrictive precautions and instructions from all products mixed.

**Crop Rotation Restrictions**

- **DO NOT** apply more than 1.25 pounds active ingredient (3 1/3 pints) per acre during one growing season.
- **DO NOT** apply within 120 days prior to harvest on sugarcane for milling.
- **DO NOT** apply aerially or through irrigation equipment.
- **DO NOT** allow livestock to graze on treated sugarcane forage or trash, or feed treated sugarcane forage or trash to livestock.

Rate	Interval	Crop
2 2/3 pts. (1.0 lb. AI)	Anytime	Cotton*, Peppers, Soybeans, Sugarcane, Sweet Potato, Tobacco, Tuberos & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peas, Peanuts, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
3 1/3 pts. (1.25 lbs. AI)	Anytime	Cotton*, Soybeans, Sugarcane, Sweet Potato, Tobacco, Tuberos & Corn. Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

Cover crops can be planted at any time, but stand reduction can occur in some areas. Do not harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.

**TOBACCO**

Make a soil applied treatment of Willowood Clomazone 3 prior to weed emergence to control annual grasses and broadleaf weeds.

**Do not use on Tobacco Seedling Beds.**

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

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**DO NOT spray Willowood Clomazone 3 within 300 feet of desirable plants. Check for adequate buffer zone before application.**

**Pre-emergence Application (Prior to Transplant)**

- Apply 2.0 - 2 2/3 pints (0.75\_-1.0 lb. AI) per acre in a single broadcast application in a minimum of 20 gallons of water.
- Use the higher specified rate for heavy weed pressure or heavy soils for maximum control.
- Apply immediately or up to 30 days before transplanting.
- Apply as a surface treatment prior to weed emergence. If weeds emerge prior to preemergence application, cultivate before or immediately preceding treatment.
- If field conditions indicate the need for additional seedbed preparation, use equipment that will move this product no deeper than 1 1/2" - 2".

**Pre-emergence Application (Post Transplant)**

- Apply 2.0 - 2 2/3 pints (0.75\_-1.0 lb. AI) per acre in a single broadcast application in a minimum of 20 gallons of water.
- Use the higher specified rate for heavy weed pressure or heavy soils for maximum control.
- Make one per season at maximum rate of 2 2/3 pints (1.0 lb. AI) per acre.
- Make an over-the-top treatment to plants immediately, up to 7 days after, or at transplanting, but ensure that application is made prior to emergence of weeds. If weeds emerge before application can be made, cultivate before or immediately preceding treatment.

**Combination Applications of Willowood Clomazone 3 on Tobacco**

Tank mix Willowood Clomazone 3 with other herbicides registered for use on tobacco to broaden the weed control spectrum compared to the use of this product applied alone.

Willowood Clomazone 3 can be applied in combination with other insecticides, fungicides and/or nematicides registered for use in tobacco. If using a tank mixture, follow application precautions, rotational instructions, and replanting instructions of each product's label. Follow the most restrictive precautions and instructions from all products mixed.

Use water or liquid fertilizer as a carrier for Willowood Clomazone 3 if applied alone, or if tank mixed with other tobacco pesticides unless use directions specifically state otherwise. Refer to the Mixing Instructions for tank mixing instructions.

**Tobacco Replanting Instructions**

**Replanting Instructions**

- If the initial planting of newly planted tobacco does not produce a uniform stand, replant tobacco in fields treated with Willowood Clomazone 3 alone.
- If tank mixing with an approved labeled product, refer to the replant instructions for that product.
- If a tank mix is used, refer to the product's labels for any additional replant instructions, and follow the most restrictive precautions and use directions. If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS section.

**Replanting Restrictions**

- Do not make a second application of Willowood Clomazone 3 if fields have been retreated.
- Do not replant treated fields with any crop at intervals that are not consistent with the ROTATIONAL CROP RESTRICTIONS on this label.

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**Willowood Clomazone 3 Rates and Grasses Controlled in Tobacco**

Rate	Grasses Controlled
1 1/3 pts. (0.50 lb. AI)	Suppresses some annual grasses
2.0 pts. (0.75 lb. AI)	All grasses listed above PLUS: Barnyardgrass, Large & Smooth Crabgrass, Field Sandbur, Foxtail (Giant, Green, Robust, Yellow), Goosegrass, Panicum (Common, Fall, & Texas), Johnsongrass seedling (partial control)
2 2/3 pts. (1.0 lb. AI)	All grasses listed above PLUS: Bermudagrass (partial control), Broadleaf Signalgrass, Southwestern Cupgrass, Woolly Cupgrass (partial control), Seedling Johnsongrass, Shattercane (partial control), Wild Proso Millet (partial control)

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled in Tobacco**

Rate	Broadleaf Weeds Controlled
1 1/3 pts. (0.50 lb. AI)	Velvetleaf Spurred Anoda
1 2/3 pts.*	*Use higher rate for heavy weed pressure or heavy soil
2.0 pts. (0.75 lb. AI)	Broadleaf weeds listed above PLUS: Common Ragweed (partial control), Galinsoga, Jimsonweed (partial control), Lambsquarter, Prickly Sida, Purslane, Ladysthumb Smartweed (partial control), Pennsylvania Smartweed (partial control), Venice Mallow
2 2/3 pts. (1.0 lb. AI)	Broadleaf weeds listed above PLUS: Black Seeded Plantain, Cocklebur (partial control), Common Ragweed, Jimsonweed, Kochia, Ladysthumb Smartweed, Pennsylvania Smartweed, Tropic Croton

**Tobacco Rotational Crop Restrictions**

Cover crops can be planted at any time, but stand reduction can occur in some areas. Do not harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.

**Willowood Clomazone 3 Rotational Crop Restrictions for Tobacco in the Northern Region**

Rate	Interval	Crop
1 1/3 pts. (0.50 lb. AI)	Anytime	Cabbage (transplanted), Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage (Direct Seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (all), Wheat
	16 Months	All crops
2.0 pts. (0.75 lb. AI)	Anytime	Cotton*, Peppers, Rice, Soybeans, Winter Squash, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Summer Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (all), Wheat
	16 Months	All crops
2 2/3 pts. (1.0 lb. AI)	Anytime	Cotton*, Peppers, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Seed Corn, Sweet Corn, Tomatoes (all), Wheat
	16 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**Willowood Clomazone 3 Rotational Crop Restrictions for Tobacco in the Southern Region**

Rate	Interval	Crop
1 1/3 pts. (0.50 lb. AI)	Anytime	Cabbage (transplanted), Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potato, Tobacco, Tuberous & Corm Vegetables
	9 Months	All crops listed above PLUS: Cabbage (Direct Seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
2.0 pts. - 2 2/3 pts. (0.75 – 1.0 lb. AI)	Anytime	Cotton*, Peppers, Rice, Soybeans, Winter Squash (2.0 pts.), Sweet Potato, Tobacco, Tuberous & Corm Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Summer Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops
3 1/3 pt. (1.25 lb. AI)	Anytime	Cotton*, Soybeans, Sweet Potato, Tobacco, Tuberous & Corm Vegetables
	9 Months	All crops listed above PLUS: Cabbage, Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Dry Beans, Peanuts, Peas, Peppers, Potatoes, Pumpkins (processing), Rice, Snap Beans, Sorghum, Squash, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**VEGETABLE CROPS**

**IMPORTANT: Read Before Use**

Preemergence ground treatments of Willowood Clomazone 3 can cause crop injury, or even loss to the following crops:

Succulent snap beans, brassica (head and stem subgroup 5A), cucumbers, melons, succulent peas, peppermint, peppers, ~~spearments~~ peppermint, squash (including processed pumpkin varieties), sweet potatoes, and tuberous and corm vegetables.

Willowood Clomazone 3 can be used as a soil applied treatment prior to weed emergence to suppress and/or control annual grasses and broadleaf weeds in snap beans (succulent), brassica (head and stem subgroup 5A), cucumbers, peas (succulent), peppers, squash (including processing pumpkins) and sweet potatoes.

Make a single application in a minimum of 10 gallons of water per acre at the rate(s) specified in the individual crop listings sections below. Apply to soil prior to weed emergence, prior to vegetable seeding or transplanting, or after vegetable seeding, but prior to crop emergence. Place seed or roots of the transplants below the chemical barrier when planting.

Tank mix Willowood Clomazone 3 with other herbicides registered for use on vegetables to broaden the weed control spectrum compared to the use of this product applied alone. If using a tank mixture, follow application precautions, rotational instructions, and replanting instructions of each product's label. Follow the most restrictive precautions and instructions from all products mixed.

Use water or liquid fertilizer as a carrier for Willowood Clomazone 3 if applied alone, or if tank mixed with other tobacco pesticides unless use directions specifically state otherwise. Refer to the Mixing Instructions for tank mixing instructions.

Place seeds or roots of the transplants below the chemical barrier when planting.

**Vegetable Precautions**

Off-site movement of Willowood Clomazone 3 by spray drift or vapors can cause foliar whitening or plant yellowing. Follow all precautions and instructions in the APPLICATION PRECAUTIONS, SPRAY DRIFT PRECAUTIONS and SPRAY DRIFT MANAGEMENT sections of this label before applying this product.

## Vegetable Restrictions

**DO NOT spray Willowood Clomazone 3 within 300 feet of desirable plants. Check for adequate buffer zone before application.**

## Crop Use Directions/Restrictions

### Snap Beans (Succulent)

- Apply broadcast at 0.4 to 0.67 pint per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Snap Bean Restrictions:

- Do not apply within 45 days of harvest.
- Do not make more than one application per season.

### Brassica (head and stem subgroup 5A)

- **Direct Seeded Cabbage** - apply broadcast at 0.67 pints per acre.
- **Transplant Cabbage** - apply broadcast at 0.67 to 1.3 pints per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Brassica (head and stem subgroup 5A) Restrictions:

- Do not apply within 45 days of harvest.
- Do not make more than one application per season.

### Cucumber

- Apply broadcast at 0.4 to 1 pint per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Cucumber Restrictions:

- Do not apply within 45 days of harvest.
- Do not make more than one application per season.

### Muskmelon & Watermelon

- Apply broadcast at 0.4 to 0.67 pint per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Peas (Succulent)

- Apply broadcast at 1.3 pint per acre.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Pea Restrictions:

- Do not make more than one application per season.

### Peppers

- Apply broadcast at 0.67 to 2.67 pints per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

### Pepper Restrictions:

- Do not make more than one application per season.
- **Not registered for use on banana peppers.**

**Squash (including Processing Pumpkin Varieties)**

- **Winter squash:** Apply broadcast prior to seeding or transplanting, at 0.67 to 2 pints per acre.
- **Summer squash:** Apply broadcast prior to seeding or transplanting, at 0.67 to 1.33 pints per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

**Alternative Treatment for Squash:**

- Apply as a pre-emergent (to weeds) soil surface treatment before, or just prior to transplanting, to row middles between plastic covered beds.
- Use rates as noted for summer and winter squash above.
- Do not apply to soil that will be covered with plastic mulch.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

**Squash Restrictions:**

- Do not apply within 45 days of harvest.
- Do not make more than one application per season.
- Do not use on Jack-O-Lantern pumpkins.
- Do not use on the following varieties and/or cultivars of squash: NK530, NK580, Turks Turban, Golden Delicious, all Banana types, and all other *Cucurbita maxima* types that have a pink or burnt orange coloration at harvest.

**Sweet Potatoes**

- Apply broadcast at 1.3 to 4.0 pints per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

**Alternative Treatment for Sweet Potatoes:**

- Make a single application post-transplant prior to weed emergence at a maximum of 4.0 pints per acre.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

**Sweet Potato Restrictions:**

- Do not apply within 95 days of harvest (or 125 days if more than 3.3 pints per acre was applied).

**Tuberous and Corm Vegetables (Arracacha, Cassava, Tanier, Yams)**

- Make a broadcast application at 2 to 3.3 pints per acre.
- Use the lower specified rate on coarse soils and the higher specified rate on fine soils.
- Refer to the soil texture chart and the Precautions/Restrictions sections below for additional information.

**Tuberous and Corm Vegetables (Arracacha, Cassava, Tanier, Yams) Restrictions:**

- Do not apply within 125 days of harvest.
- Do not make more than one application per season.

**SOIL TEXTURES\*:**

Select specified rates within the range based on light to heavy soil types within a textural group:

- Coarse (light) soils:** sand, loamy sand, sandy loam
- Medium soils:** loam, silt, silt loam, sandy clay, sandy clay loam
- Fine (heavy) soils:** silty clay, clay loam, silty clay loam, clay

**Willowood Clomazone 3 Rates and Grasses Controlled in Vegetable Crops**

Rate per Acre	Grasses Controlled
0.4 - 1 pt. (0.15-0.38 lb. AI)	Suppresses/Partially Controls: Barnyardgrass, Large & Smooth Crabgrass, Foxtail (Giant, Green, Robust), Goosegrass, Panicum (Common & Fall)

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1_- 1.3 pts. (0.38-0.5 lb. AI)	Suppresses/All grasses listed above PLUS: Field Sandbur (suppression/partial control), Johnsongrass seedling (suppression/partial control)
1.3_- 4 pts. (0.5_- 1.5 lb. AI)	All grasses listed above PLUS: Yellow Foxtail Controls seedling Johnsongrass at 1_- 1.5 pts./acre

**Willowood Clomazone 3 Rates and Broadleaf Weeds Controlled in Vegetable Crops**

Rate per Acre	Broadleaf Weeds Controlled
0.4_- 1 pt. (0.15_- 0.38 lb. AI)	Partially controls: <i>Galinsoga</i> spp., Lambsquarters, Spurred Anoda, Velvetleaf
1_- 1.3 pts. (0.38-0.5 lb. AI)	Suppresses/Partially Controls Broadleaf weeds listed above PLUS: Prickly Sida, Venice Mallow
1.3_- 4 pts. (0.5-1.5 lbs. AI)	Suppresses/Partially Controls Broadleaf weeds listed above PLUS: Common Ragweed*, Jimsonweed*, Purslane, Smartweed*

\*Controlled at 1-1.5 lb. AI/A

**Vegetable Replanting Instructions**

- If the initial planting of newly planted vegetables or seeds do not produce a uniform stand, replant vegetables in fields treated with Willowood Clomazone 3 alone.
- If tank mixing with an approved labeled product, refer to the replant instructions for that product.
- If a tank mix is used, refer to the product's labels for any additional replant instructions, and follow the most restrictive precautions and use directions. If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS section.

**Vegetable Replanting Restrictions**

- **DO NOT** retreat field with a second application of Willowood Clomazone 3.
- **DO NOT** replant treated fields with any crop at intervals that are not consistent with the Rotational Crop Restrictions on this label.
- If a tank mix is used, refer to the product's labels for any additional replant instructions, and follow the most restrictive precautions and use directions. If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS section.

**Vegetable Rotational Crop Precautions**

- Cover crops can be planted at any time, but stand reduction can occur in some areas.
- Rotate crops as listed below to avoid crop injury.
- Refer to sections headed "Rotational Cropping Precautions" and "Product Information" for additional information.
- If using Willowood Clomazone 3 with other herbicides registered for use on vegetables always refer to rotational restrictions and precautions on the other product's label. The most restrictive label language applies.

**Vegetable Rotational Crop Restrictions**

- **DO NOT** harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.

**Willowood Clomazone 3 Rotational Crop Restrictions for Vegetables**

Rate	Interval	Crop
0.4 — 0.67 pt. (0.15_-0.25 lb. AI)	Anytime	Beans (succulent), Cabbage (all), Cotton*, Cucurbits, Peas, Peppers, Rice, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Beans (dry), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Peanuts, Potatoes, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (direct seeded), Wheat
	16 Months	All crops
1.0 pt. (0.38 lb. AI)	Anytime	Cabbage (transplant), Cotton*, Cucurbits, Peas, Peppers, Rice, Soybeans, Sweet Potatoes, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (direct seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Peanuts, Potatoes, Sorghum, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (direct seeded), Wheat
	16 Months	All crops
1.3 pts. (0.5 lb. AI)	Anytime	Cabbage (transplant), Cotton*, Peas, Peppers, Rice, Soybeans, Sweet Potato, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (dry seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Peanuts, Potatoes, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (direct seeded), Wheat
	16 Months	All crops
2.0 pts. (0.75 lb. AI)	Anytime	Cotton*, Peppers, Rice, Soybeans, Squash (winter), Sweet Potatoes, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (dry seeded & transplant), Field Corn, Peas, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Peanuts, Potatoes, Rice, Sorghum, Sugar Beets, Tomatoes (Transplanted)
	12 Months	All crops listed above PLUS: Tomatoes (direct seeded), Wheat
	16 Months	All crops
2.67 — 3.3 pts. (1.0-1.25 lbs. AI)	Anytime	Cotton*, Peppers (2.67 pt.), Soybeans, Sweet Potatoes, Tobacco, Tuberous & Corn Vegetables
	9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (dry seeded), Field Corn, Popcorn, Cotton, Cucurbits, Peanuts, Peppers, Potatoes, Soybeans, Sorghum, Sweet Potatoes, Sugar Beets, Tobacco, Tomatoes (Transplanted), Tuberous & Corn Vegetables
	12 Months	All crops listed above PLUS: Seed Corn, Sweet Corn, Tomatoes (direct seeded), Wheat
	16 Months	All crops
		Sweet Potatoes

4 pts. (1.5 lbs. AI)	Anytime	
	9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (dry seeded), Field Corn, Popcorn, Cotton, Cucurbits, Peanuts, Peppers, Potatoes, Sorghum, Soybeans, Sugar Beets, Tobacco, Tomatoes (Transplanted), Tuberous & Corn Vegetables
	12 Months	All crops listed above PLUS: Seed Corn, Sweet Corn, Tomatoes (direct seeded)
	16 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

**PEPPERMINT AND SPEARMINT**

Review the disclaimer located directly under the heading "Vegetable Crops".

Make a pre-emergent application of Willowood Clomazone 3 at 1.3 pints per acre (0.5 lb. AI/A) to the soil surface to control annual grasses and broadleaf weeds.

**Grasses Controlled in Peppermint and Spearmint**

Grasses Controlled
Suppresses/Partially Controls: Barnyardgrass, Large & Smooth Crabgrass, Foxtail (Giant, Green, Robust), Goosegrass, Panicum (Common & Fall)

**Broadleaf Weeds Controlled in Peppermint and Spearmint**

Broadleaf Weeds Controlled
Controls: Velvetleaf
Suppresses/Partially controls: <i>Galinsoga</i> spp., Lambsquarters, Spurred Anoda, Venice Mallow

**Peppermint and Spearmint Precautions**

- Cover crops can be planted at any time, but stand reduction can occur in some areas.

**Peppermint and Spearmint Restrictions**

- **DO NOT** apply within 84 days of harvest.
- **DO NOT** make more than one application per season.
- **DO NOT** apply more than 0.5 lb. AI per acre clomazone (1.3 pts. per acre Willowood Clomazone 3) per application.

**Peppermint and Spearmint Rotational Crop Restrictions**

- Rotate crops as listed below to avoid crop injury.
- Refer to sections headed "Rotational Cropping Precautions" and "Product Information" for additional information.
- If using Willowood Clomazone 3 with other herbicides registered for use on vegetables always refer to rotational restrictions and precautions on the other product's label. The most restrictive label language applies.
- Do not harvest for food, graze, or feed cover crops planted less than 9 months after treatment with Willowood Clomazone 3.

**Willowood Clomazone 3 Rotational Crop Restrictions for Peppermint and Spearmint**

Interval	Crop
Anytime	Cabbage (transplant), Cotton*, Peas, Peppers, Rice, Soybeans, Squash, Sweet Potatoes, Tobacco, Tuberous & Corn Vegetables
9 Months	All crops listed above PLUS: Beans (succulent & dry), Cabbage (Direct Seeded), Field Corn, Popcorn, Seed Corn, Sweet Corn, Cotton, Cucurbits, Peanuts, Potatoes, Sorghum, Sugar Beets, Tomatoes (Transplanted)

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12 Months	All crops listed above PLUS: Tomatoes (direct seeded), Wheat
16 Months	All crops

\*Cotton: Refer to "Requirements for Planting Time Applications" and "Replanting Instructions" for additional instructions.

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### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** STORE ABOVE -4°F TO KEEP PRODUCT FROM FREEZING. If frozen, thaw before use. Observe recirculation directions under Mixing and Handling Instructions for Bulk/Mini-Bulk Containers. Keep out of reach of children and animals. Store in original containers only. Store in a dry place. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: Dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal

**Plastic: Non-refillable Containers:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Returnable/Refillable Sealed Containers:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**Mini-Bulk Containers:** These containers are property of Willowood, LLC and are returnable to Willowood, LLC at Willowood, LLC's discretion. These containers are provided for repackaging of Willowood Clomazone 3\* and should not be filled with any other product.

**Bulk Drums:** Willowood Clomazone 3 Bulk drums are returnable to Willowood, LLC for reuse when the container is completely empty. Bulk drums containing product in excess of 1 gallon cannot be accepted for return.

**Container Precautions:** Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. After filling and before transporting, check for leaks. Do not refill or transport a damaged or leaking container.

\*Any dealer wishing to repackage Willowood Clomazone 3 must comply with all Federal, State and local laws pertaining to bulk herbicide handling and possess a signed repackaging agreement from Willowood, LLC.

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## MIXING AND HANDLING INSTRUCTIONS FOR BULK/MINI-BULK CONTAINERS

Willowood Clomazone 3 is a microencapsulated herbicide and requires a diaphragm type pump in order to maintain product quality. **Do not use gear or piston-type pumps.** The following pumps are suitable for moving Willowood Clomazone 3 from the 250 gallon Bulkdrum into spray tanks, mixing systems, or dedicated repackaging minibulk tanks\*:

- Tuthill Fill-Rite Chemtraveller portable transfer pump
- Scienco Caddy-SS portable transfer pump
- Scienco DD6 pump
- Tuthill Fill-Rite Series 400 diaphragm pumps

### Dispensing Instructions:

When ready to dispense Willowood Clomazone 3 from the Bulkdrum, the dealer/applicator must recirculate the product in the container, for at least 15 minutes. This can be done by hooking a portable pump such as listed above to the bottom bung, opening the valve and directing the outlet nozzle into the 6" top port (seal must be broken). Directing the nozzle stream into the corners will ensure more complete turning of the product volume. Once the product is thoroughly circulated, the dealer/applicator may then begin the process of dispensing Willowood Clomazone 3 into the dedicated repackaging minibulk container(s)\*, or spray tank, loading or mixing system. Rinse the empty Bulkdrum container and transfer the rinsate directly to the mix or spray tank.

The dealer/applicator must wear proper clothing as listed on the Willowood Clomazone 3 label.

\*-Any dealer wishing to repackage Willowood Clomazone 3 must comply with all Federal, State and local laws pertaining to bulk herbicide handling and possess a signed repackaging agreement from Willowood, LLC.

### IMPORTANT: READ BEFORE USE

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the unopened product container at once.

By using the product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Willowood, LLC. To the extent consistent with applicable law, such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. TO the extent consistent with applicable law, no agent of Willowood, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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